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<b>(21) Numéro de la demande internationale:</b> PCT/FR99/02111 <b>(22) Date de dépôt international:</b> 3 septembre 1999 (03.09.99) <b>(30) Données relatives à la priorité:</b> 98/11199 8 septembre 1998 (08.09.98) FR <b>(71) Déposant (pour tous les Etats désignés sauf US):</b> THOMSON-CSF [FR/FR]; 173, boulevard Haussmann, F-75008 Paris (FR). <b>(72) Inventeur; et</b> <b>(75) Inventeur/Déposant (US seulement):</b> DEFAY, Patrick [FR/FR]; Thomson-CSF Propriété Intellectuelle, Département Brevets, 13, avenue Président Salvador Allende, F-94117 Arcueil Cedex (FR). <b>(74) Représentant commun:</b> THOMSON-CSF; Propriété Intellectuelle, Dépt. Brevets, 13, avenue du Président Salvador Allende, F-94117 Arcueil Cedex (FR).		<b>(81) Etats désignés:</b> JP, US, brevet européen (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE). <b>Publiée</b> <i>Avec rapport de recherche internationale.</i>

(54) Title: VIDEO CAMERA

(54) Titre: CAMERA CINEVIDEO

## (57) Abstract

The invention concerns the field of cameras, more particularly a camera with an optical axis (14) and comprising successively: a camera lens support (1) for receiving a lens (15); a reflective shutter (2) allowing light through in open position towards a lens focal plane (4) and directing light in closed position towards an optical viewfinder (3); the lens focal plane (4) common to all the light components of the light derived from the observed scene; an adapter (5) producing adaptation between the lens focal plane (4) and the focal planes of the sensors (7 to 9); a spectral resolver (6) for separating the light into three light components; three sensors (7 to 9) with photoelectric effect, each light component being focused on a different sensor, the optical paths between the spectral resolver (6) input and the sensors (7 to 9) being different for the three light components; the camera further includes: electronic means (10) for processing data derived from the sensors (7 to 9); an optical viewfinder (3), outside the field of the sensors (7 to 9), located outside the optical axis (14).

